

TCEQ Handheld Monitoring Field Data Sheet

DATE: March 20-21, 2019, Overnight
NAME(s): Tricia Lestarjette, Nikki Fraietta

Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
1. Keene St. and 5 th St., Galena Park	10:20 PM-11:00 PM	TVA	VOC	1.20-2.72 ppm	30 min odor survey. No odors noted.
		MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	
2. Jacinto City Elementary School on Burman St, Jacinto City	11:12 PM-11:50 PM	TVA	VOC	2.92-3.19 ppm	30 min odor survey. No odors noted.
		MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	
3. N Spooner St and Shaw Ave, Pasadena	12:15 PM-12:50 PM	TVA	VOC	3.25-4.37 ppm	30 min odor survey. Very light methane odor (2 min)
		MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	

Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
4. Wildwood Drive and Westside Dr, Deer Park	1:20 AM-1:55 AM	TVA	VOC	3.45-4.52 ppm	30 min odor survey. No odors noted.
		MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	

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5. Deer Park High School North, Deer Park	2:05 AM- 3:10 AM	TVA	VOC	3.51-3.92 ppm	60 min odor survey. Unpleasant very light to very strong burnt rubber/sweet and sour toluene odor (3 min very strong, 14 min strong, 17 min moderate, 9 min light, 6 min very light). Directly downwind of ITC. Tricia L. experienced a slight headache, nausea, running nose, and coughing and Nikki F. experienced running nose, watery eyes, and coughing throughout survey. Plant sirens and loudspeakers heard throughout survey to the Northeast (from where ITC is)
		MultiRAE	LEL, VOC, H2S, CO, O2	None detected, oxygen normal	
6. San Jacinto Elementary School, Deer Park	3:25 AM- 4:30 AM	TVA	VOC	3.65-8.63 ppm	60 min odor survey. Highly offensive very light to very strong sweet, rubbery and fruity odor. (46 min very strong, 4 min strong, 6 min moderate, 1 min light, 1 min very light) Tricia L. experienced a slight headache, stinging watery eyes, coughing and nausea. Nikki F. experienced stinging watery eyes and coughing. Directly downwind of ITC. Sirens coming from ITC heard and shelter in place at ITC throughout survey. Travis from NRC stopped by during survey. His UltraRAE read 0.68 ppm of benzene.
		MultiRAE	LEL, VOC, H2S, CO, O2	None detected, Oxygen normal.	

Location	Time (Approx.)	Instrument	Parameters	Survey Results	Other Notes/Observations
7. Deepwater Elementary School, Deer P	4:45 AM- 5:20 AM	TVA	VOC	3.56-3.72 ppm	30 min odor survey. No odors detected.
		MultiRAE	LEL, VOC, H2S, CO, O2	None detected	

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